Index of Claims

Application/Control No.

Applicant(s)/Patent under Reexamination

10/808,886

Md S. Elahee

**BODNAR ET AL** Art Unit

Examiner

Rejected **Allowed** 

(Through numeral) Cancelled

Claim

Original Final

Non-Elected Ν

**Appeal** Α O

Objected

Restricted

Interference Claim

|          |   |                                       |  |  |                |                                     | _            |  |  |          | _            |  |  |
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| CI       | <u> </u>                                    | Date                                  |  |  |                |                                     |              |  |  |          |              |  |  |
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| Final    | Original                                    | 90/06/1                               |  |  | 1              |                                     |              |  | ]  |          | l            |  |  |
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|          | 3   | 0                                     | $\vdash$   | $\vdash$   | T              | $\top$                              | $\vdash$     |  | t  | Т        | 1            |  |  |
|          | 3<br>4<br>5                                 | 0                                     | <u> </u>   | t  | ✝              | 1-                                  | ┪            | $\vdash$   | t  | 一        | 1            |  |  |
|          | 5   | 1                                     | ✝  | $\vdash$   | T              | $\vdash$                            | $\vdash$     | t  | †  |          | 1            |  |  |
| -        | 6   | 1                                     | 1  | ┢  | $\vdash$       |                                     | +            | +-   | t  | $\vdash$ | 1            |  |  |
|          | 6<br>7                                      | 1                                     | ┢  | +-   | 1              | H                                   | $\vdash$     | ╁╌   | $\vdash$   | $\vdash$ | 1            |  |  |
|          | 8   | V                                     | ╁  | $\vdash$   | ╁              | +                                   | t            | +  | ╁  | +        | 1            |  |  |
| $\vdash$ | <u> </u>                                    |                                       | ┢  | H  | ┼              | ╁                                   | ╁            | $\vdash$   | ├  | ┼─       | 1            |  |  |
| -        | 10  | 1                                     | ╁  | ┢  | ╁              | ╁╌                                  | ╁            | $\vdash$   | $\vdash$   | ╁        | ł            |  |  |
| -        | 11  | 1                                     | ┝  | ├  | $\vdash$       | 1                                   | ╫            | ╁  | ╁  | ┢        | 1            |  |  |
| -        | 12  | 0<br>√                                | -  | $\vdash$   | $\vdash$       | +                                   | +-           | +-   | +  | -        | $\mathbf{I}$ |  |  |
| -        | 9<br>10<br>11<br>12<br>13<br>14<br>15<br>16 | 1                                     | <del> </del>                                     | <del> </del>                                     |                | ₩                                   | -            | ┼—   | <del> </del>                                     | -        | 1            |  |  |
| <u> </u> | 13  | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | -  | -  | ├-             | ╀                                   | 1            | ╀-   |  | $\vdash$ | 1            |  |  |
| -        | 14  | 1                                     | ₩  | $\vdash$   | <del> </del> — | ₽                                   | ₽-           |  | ├  | ↓        | l            |  |  |
| <u> </u> | 15  | 1                                     | _  | $\vdash$   | <b>├</b>       | ــ                                  | 1            | ↓_   | <u> </u>   | ⊢        | 1            |  |  |
| <u> </u> | 16  | <b>√</b>                              | $\vdash$   | _  | 1-             | ـــ                                 | <del> </del> | 1  | ـ  | ╙        | 1            |  |  |
| <u> </u> | 17  | N                                     | _  | _  | L              | ـــ                                 | <u> </u>     | ┖  | <u> </u>   | _        | 1            |  |  |
| <u></u>  | 17<br>18<br>19                              | <u> </u>                              | _  | _  | $\perp$        | _                                   | <u> </u>     | L  | $ldsymbol{ldsymbol{ldsymbol{eta}}}$              | <u> </u> | 1            |  |  |
|          | 19  | L                                     | _  |  |                | L.                                  | L            | <u>L.</u>  |  |          | 1            |  |  |
| L        | 20  |                                       |  | $oxedsymbol{oxed}$                               |                | L                                   |              |  |  |          |              |  |  |
|          | 20<br>21                                    | $\Box$                                |  | L  |                | Ĺ                                   | Ĺ            | 匚  |  |          |              |  |  |
|          | 22<br>23                                    |                                       |  |  |                |                                     |              |  |  |          |              |  |  |
|          | 23  |                                       |  |  |                |                                     |              |  |  |          | 1            |  |  |
|          | 24  |                                       | Г  | П  | Π              |                                     |              | Γ  | Г  | Ī        | 1            |  |  |
|          | 25  |                                       |  | İ  |                |                                     |              |  | Г  |          | 1            |  |  |
|          | 25<br>26<br>27                              |                                       |  |  |                |                                     |              |  |  | $\vdash$ | 1            |  |  |
|          | 27  |                                       |  |  | İ              | T                                   | Т            | ┰  |  | Г        | 1            |  |  |
|          | 28  |                                       | $\overline{}$                                    |  |                | $\vdash$                            |              | <del>                                     </del> | $\vdash$   |          | 1            |  |  |
|          | 28<br>29                                    |                                       | $\vdash$   | -  | $\vdash$       | T                                   | $\vdash$     | $\vdash$   | <del>                                     </del> |          | i            |  |  |
|          | 30  | <u> </u>                              | $\vdash$   | <del>                                     </del> | $\vdash$       | ╁                                   | $\vdash$     | ├  | <del>                                     </del> | $\vdash$ | 1            |  |  |
|          | 31  | $\vdash$                              | $\vdash$   | $\vdash$   | <del> </del>   | ┢                                   | $\vdash$     | ╁  | ╁  | $\vdash$ | 1            |  |  |
|          | 32  | <del> </del>                          | <del>                                     </del> | $\vdash$   | $\vdash$       | $\vdash$                            | $\vdash$     | $\vdash$   | 1—   |          | 1            |  |  |
|          | 33  |                                       |  | $\vdash$   | ├-             | $\vdash$                            | -            | ┢  | -  | $\vdash$ | 1            |  |  |
| -        | 33<br>34                                    | <del> </del>                          | <del> </del>                                     | $\vdash$   | $\vdash$       | <del>  -</del>                      | $\vdash$     | $\vdash$   | -  |          |              |  |  |
|          | 25  | $\vdash$                              | <u> </u>   |  | ⊢              | <del>  -</del>                      | ├-           |  | $\vdash$   | <u> </u> |              |  |  |
| $\vdash$ | 35  | $\vdash$                              | _  |  | <del> </del>   | $\vdash$                            | $\vdash$     | <b>—</b>   | ⊢  | Н        |              |  |  |
|          | 36<br>37                                    |                                       | ļ  | <u> </u>   | <u> </u>       | <u> </u>                            | <u> </u>     | _  | <u> </u>   | Ш        | 1            |  |  |
| <u></u>  | 37  | Ш                                     | <u> </u>   | <u> </u>   | <u> </u>       | <u> </u>                            | <u> </u>     |  | _  | Щ        | 1            |  |  |
| <u></u>  | 38  |                                       | <u> </u>   | <u> </u>   | <u> </u>       |                                     | <u> </u>     | <u> </u>   | _  | Щ        |              |  |  |
| <u> </u> | 39  |                                       |  | <u> </u>   | <u> </u>       | _                                   |              | L_   |  | L        |              |  |  |
|          | 40  |                                       |  |  | L              |                                     |              | oxdot  | _  |          | ļ            |  |  |
|          | 41  |                                       |  |  | Ĺ              | $\Box$                              | L            | L  |  |          |              |  |  |
|          | 42  |                                       |  |  |                |                                     | L            |  |  |          |              |  |  |
|          | 43  |                                       |  |  |                |                                     |              |  |  | П        |              |  |  |
|          | 44  | $\Box$                                |  |  |                |                                     |              |  |  | $\Box$   |              |  |  |
|          | 45  |                                       |  |  |                | Г                                   |              |  |  | М        |              |  |  |
|          | 46  |                                       |  |  |                | $\vdash$                            |              |  | Н  | Н        |              |  |  |
|          | 47  | $\dashv$                              |  | -  | -              |                                     | $\vdash$     | $\vdash$   | $\vdash$   | Н        |              |  |  |
| $\vdash$ | 48  | -                                     |  | -  | _              |                                     |              | -  | $\vdash$   | $\vdash$ |              |  |  |
|          | 49  |                                       | -  | <del> </del>                                     | $\vdash$       | -                                   |              |  | $\vdash$   | $\vdash$ |              |  |  |
| $\vdash$ | 49  |                                       |  |  |                | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |              | _  | L  | ш        | 1            |  |  |

|          |  |  |  |          |  |          |  |     | Final       | Original                 |          |           |          |          |              |          |              |          |          |
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|          |  |  | 1  |          |  | Г        |  |     |             | 101                      |          |           | <u> </u> | $\vdash$ | l            |          | <u> </u>     | $\vdash$ | $\Box$   |
| _        |  |  | <del>                                     </del> |          | Т  | _        | m  |     |             | 102                      |          | Н         |          | _        |              | <b>!</b> | r            | _        | Н        |
|          |  |  | _  | 1        | T  |          | † <u> </u>                                       | i i |             | 103                      |          |           |          | -        | $\vdash$     | H        | H            | _        | H        |
|          |  |  |  | 1        | $\vdash$   | $\vdash$ |  |     |             | 102<br>103<br>104        |          |           | -        |          |              | <u> </u> | -            | _        | H        |
| _        | <del>                                     </del> | $\vdash$   | T  | T        | $\vdash$   |          | H  |     |             | 105                      | <u> </u> |           |          | _        | $\vdash$     |          | ┢            | _        |          |
| _        | $\vdash$   | -  | t  | ┢        | <del> </del>                                     | _        | $\vdash$   | 1 1 |             | 106                      |          |           | -        | -        | <del> </del> | $\vdash$ |              | ┝        |          |
| _        |  | -  |  | 1        | <u> </u>   | ┢        | $\vdash$   | 1 1 | -           | 105<br>106<br>107        | -        |           |          |          | _            | ┢        | $\vdash$     | ┝        | -        |
|          | _  | $\vdash$   |  | +-       |  | $\vdash$ | -  | 1 1 |             | 108                      | $\vdash$ | -         |          | -        | ┝            | -        | $\vdash$     |          | $\dashv$ |
|          |  | <del>  -</del>                                   |  | ╁        | ╁  | $\vdash$ | -  |     |             | 109                      | _        | _         |          |          |              | -        | -            | $\vdash$ | $\dashv$ |
|          |  |  | _  | +        | H  |          | <del>                                     </del> |     |             | 110                      |          | _         | _        |          | -            | ├─       | <del> </del> | $\vdash$ | Н        |
|          |  | Н  | -  | ╁        | <del>                                     </del> |          | H  | }   |             | 111                      | H        |           |          |          |              | -        | ├            | $\vdash$ | $\vdash$ |
| _        | -  |  | H  | ╁┈       | <del>                                     </del> | <u> </u> | $\vdash$   | }   |             | 112                      |          | -         |          |          |              | -        | ├            | -        | Н        |
| _        | -  |  | $\vdash$   | $\vdash$ | <del>                                     </del> | $\vdash$ |  |     |             | 112                      |          |           | -        |          |              | -        |              | _        | $\vdash$ |
| _        | -  |  | $\vdash$   | H        | ┼-   |          |  |     |             | 113<br>114               |          |           | -        |          |              |          | ├            | _        | Н        |
|          | _  | -  | ├  | -        | ├-   | -        | -  |     |             | 115                      | _        |           |          |          |              |          | ⊢            |          | -        |
|          | -  | <del>                                     </del> | <del> </del>                                     | 1        | ┢  | -        |  |     |             | 116                      | -        | _         | _        |          |              |          |              |          |          |
|          |  | ┝  | ├  | <u> </u> | ⊢  |          | -  |     |             | 116<br>117               |          |           | _        |          |              |          | H            |          | -        |
|          |  | $\vdash$   | ├-   | ⊢        | ⊢  |          | -  |     |             | 117                      | _        |           |          |          |              | _        | H            | _        | -        |
|          |  | -  | <del> </del>                                     | ┢        |  |          | -  |     |             | 118<br>119               |          |           |          |          | _            | <u> </u> |              |          |          |
|          | <u> </u>   | -  | <u> </u>   | ├-       | _  |          |  | }   |             | 119                      |          |           |          | _        |              |          |              |          |          |
|          | -  |  | -  | ├—       |  | _        |  |     |             | 120<br>121<br>122<br>123 |          |           |          |          |              | <u> </u> |              |          |          |
|          |  |  | <u> </u>   | ├-       | <u> </u>   | _        |  |     |             | 121                      |          |           |          |          |              |          |              |          | Щ        |
|          |  |  |  | ļ        | <u> </u>   | <u> </u> |  |     |             | 122                      |          |           |          |          |              | <u> </u> | L_           |          | $\Box$   |
|          |  |  |  | ┡        | <u> </u>   | <u> </u> |  |     |             | 123                      |          | _         |          |          |              |          |              |          | Щ        |
|          |  | $\Box$   |  | ╙        | _  | <u> </u> | L  | ļ   |             | 124<br>125<br>126<br>127 |          |           |          |          |              |          |              |          |          |
|          |  |  |  | _        | L  | <u> </u> |  | ļļ  |             | 125                      |          |           |          |          |              |          |              |          |          |
|          |  |  |  | _        |  | _        | Ш  |     |             | 126                      |          |           |          |          |              |          |              |          | Ш        |
|          |  |  |  | ╙        | <u>L</u>   |          | L  |     |             | 127                      |          |           |          |          |              |          |              |          | Ш        |
| _        |  |  |  | L        | <u></u>  |          | L_   |     |             | 128                      |          |           |          |          |              |          |              |          |          |
|          |  |  |  | L        | _  | Ш        |  |     |             | 129<br>130               |          |           |          |          |              |          |              |          |          |
|          |  |  |  |          |  |          |  | L   |             | 130                      |          |           |          |          |              |          |              |          |          |
|          |  |  |  |          |  |          |  |     |             | 131                      |          |           |          |          |              |          |              |          |          |
|          |  |  |  |          |  |          |  |     |             | 132<br>133               |          |           |          |          |              |          |              |          |          |
|          |  |  |  |          |  |          |  |     |             | 133                      |          |           |          |          |              |          |              |          | $\neg$   |
|          |  |  |  |          |  |          |  | ſ   |             | 134                      |          |           |          |          |              |          |              |          |          |
| _]       |  |  |  |          |  |          |  | ſ   |             | 135                      | $\Box$   |           |          |          |              |          |              |          |          |
|          | ]  |  |  |          |  |          |  |     |             | 135<br>136               | $\Box$   |           |          |          |              |          |              |          | $\neg$   |
|          |  |  |  |          |  |          |  | Ī   |             | 137                      |          | $\neg$    |          |          |              |          |              |          | $\neg$   |
|          |  |  | _  |          |  |          |  | 1   |             | 138                      |          |           |          |          |              |          |              |          | $\neg$   |
|          |  |  |  |          |  |          |  | ſ   |             | 139                      |          |           | ヿ        |          |              |          |              |          | ╗        |
| $\neg$   |  | $\Box$   |  |          |  |          |  | Ī   | $\neg \neg$ | 140                      | $\neg$   |           | 一        |          |              |          |              |          | $\neg$   |
|          |  | $\neg$   |  |          |  |          |  | ı   |             | 141                      | ╗        | 7         | 寸        |          |              |          |              |          | $\neg$   |
| 一        |  | 一  |  |          |  |          | _  | f   |             | 142                      |          | $\neg$    |          | T        |              |          |              | $\neg$   | ┪        |
|          |  |  |  |          |  |          |  | ı   | $\neg$      | 143                      | 寸        | $\exists$ | $\neg$   |          |              |          |              | $\neg$   | $\dashv$ |
| $\neg$   |  | _  | _  | $\vdash$ |  |          | $\dashv$   |     |             | 144                      | $\dashv$ | 1         | 寸        |          | $\dashv$     |          |              | -        | $\dashv$ |
| 1        | $\neg$   | 一  | _  | М        | П  |          |  | ŀ   |             | 145                      | -        | _         | 1        |          | $\dashv$     |          |              | ┪        | $\dashv$ |
| ┪        | $\dashv$   | $\dashv$   |  | Н        | $\vdash$   | $\neg$   | ᅱ  | ŀ   |             | 146                      |          | +         | $\dashv$ |          | $\dashv$     |          | $\dashv$     | $\dashv$ | $\dashv$ |
| $\dashv$ | 一  | -  |  | Н        | $\dashv$   | $\dashv$ | $\dashv$   | H   |             | 147                      |          | -         | $\dashv$ | $\dashv$ | $\dashv$     | $\dashv$ | -            | $\dashv$ | ᅱ        |
| $\dashv$ |  | -+   | _  | $\vdash$ | $\vdash$   | -        | $\dashv$   | ŀ   |             | 148                      | $\dashv$ | $\dashv$  | -        |          | $\dashv$     | $\dashv$ | $\dashv$     | -        | $\dashv$ |
| $\dashv$ | $\dashv$   | - 1  | _  | $\vdash$ |  | $\dashv$ | $\dashv$   | ŀ   |             | 149                      | -        | -+        | $\dashv$ | $\dashv$ |              | $\dashv$ |              | ᅱ        | $\dashv$ |
| $\dashv$ |  | $\dashv$   | _  | $\vdash$ | $\vdash$   | $\dashv$ | $\dashv$   | ŀ   |             | 150                      | -        | $\dashv$  | $\dashv$ | $\dashv$ | -            | -        |              |          | $\dashv$ |
|          |  |  | _  |          |  |          |  | L   | 1           | 130                      | i        |           | !        |          |              |          |              |          |          |